AHMED DRAIA
UNIVERSITY

Adrar University
Faculty of Science and Technology
Department of Mathematics and Computer Science

Initiation to Research (Course)

2nd Year Master (S3)
2020/2021

Your project proposal title

Member 1 Full Name [1]
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1 MINI-PROJECT REPORT POLICIES

As a part of the assigned mini-project for this course, we require you to complete this research proposal (report) of your choosing subject based on the learning materials/techniques acquired during this course.

- The project can be related to your final master project (if you have selected one).

- If the project contains more than one student, **you need to emphasize each person's role in the project.**

- Each group need to submit thier final report through Github (upload .tex and .pdf files).

- The report should include about **five (5) pages** (excluding figures, tables, and references).

- Check the course updates and deadlines on the course main page [5].

2 ABSTRACT

Provide an overview of the proposal including (**max. 200 words**):

- Research topic/scope.

- The problem or motivation.

- The major goals being addressed (the aim).

- How to address the research questions or hypotheses.

3 INTRODUCTION

It can be seen as an extended abstract (more details) to address the research's significance.

3.1 STATEMENT OF THE FOCUS AND PURPOSE OF THE STUDY

- The focus of the study.

- The study broader importance and applications.

- The motivation.

- The aim of the study.

- The study objectives and expected outcomes.

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[5]https://dr-dahou-adrar.github.io/teaching_content/academic_year_2020_2021/2020-2021-S1-IAR1

3.2 Research Questions/Hypotheses

- What is the research question/problem.

- The originality of the research question (novelty/contribution).

- HHow your study differ from existing studies (the origin of your research question). For example, from previous research, your supervisor, or a review of the literature.

3.3 Theory and Method/Methodology

Briefly introduce your:

- Research strategy and design.

- The methods or approaches you will employ to solve your research questions.

- The techniques used to test and validate your hypotheses.

4 Related Works

A summary of research papers related to your research topic (**min. 5 reviewed papers**), used to address questions about originality and use previous research as a foundation for further research.

- Existing theory/methods related to your study.

- Related works should support your research questions/hypotheses formulation.

- Related works need to demonstrate why your research is essential.

5 Methodology/Research Methods

A brief description of the system design/framework established to solve the research problem including:

- Used techniques/algorithms/simulations/data collection.

- A diagram (figure) illustrating the experimental design.

- Used methods for the data and results analysis.

6 Project Timeline

A description of your project's workflow and schedule, including the GANTT chart and its corresponding description.

REFERENCES